

20031008.qrp v03_n067.qrl.20031008

Date: Wed, 8 Oct 2003 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3067

QRP-L Digest 3067

Topics covered in this issue include:

- 1) [158977] OT: Laptop for sale/trade
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- 2) [158978] For Sale: FT-817 at a good price
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- 3) [158979] [OT] PICkit - Microchip Starter kit
by jacksonharbor@att.net
- 4) [158980] Re: Zombie shuffle??
by "Ron Polityka" <wb3aal@verizon.net>
- 5) [158981] SW - XX series tuneup info !
by Rick McKee <kc8aon@juno.com>
- 6) [158982] Re: LZ2RS
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- 7) [158983] How to upgrade Win 98
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- 8) [158984] Re:DD-1 manual - THANKS!
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- 9) [158985] Worked a great-sounding vintage rig on 80 this evening...
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- 13) [158989] KD1JV de NN7CK
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- 14) [158990] Re: PAC-12
by James Bennett <jwbennett@sprintmail.com>
- 15) [158991] Spartan Sprint with new K1
by Michael Babineau <michael.babineau@sympatico.ca>
- 16) [158992] Re: How to upgrade Win 98
by Bob Nielsen <nielsen@oz.net>
- 17) [158993] RE: How to upgrade Win 98
by "JBCrafts" <jbcraft@adelphia.net>
- 18) [158994] Fw: ITEMS FOR SALE - ALL SOLD
by "NORM KLIEMAN" <k9nk@msn.com>
- 19) [158995] Radio Shack 22-503 P.S. Schematic Wanted

- by wo7t@juno.com
- 20) [158996] Re: Luxembourg on 15 Meters
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
 - 21) [158997] Re: PAC-12
by "Thomas Kuehl" <ac7a@earthlink.net>
 - 22) [158998] Re: Worked a great-sounding vintage rig on 80 this evening...
by Bruce Muscolino <w6toy@erols.com>
 - 23) [158999] Re: How to upgrade Win 98
by Bruce Muscolino <w6toy@erols.com>
 - 24) [159000] Wanted MFJ 1025 or 1026
by "Deni" <deni1@tiscali.fr>
 - 25) [159001] RE: Zombie shuffle??
by "Paul Womble" <pwomble@verizon.net>
 - 26) [159002] Re: How to upgrade Win 98
by "Mike Yetko" <myetko@insydesw.com>
 - 27) [159003] FS/T Heathkit Solid State Dip Meter
by "Jim Sheldon" <w0eb@cox.net>
 - 28) [159004] Re: FS: Norcal BLT Kit
by "Tim, N9PUZ" <n9puz@arrl.net>
 - 29) [159005] Update Tenna Dipper Kit
by "Gene Sailsbury" <gsailsbury@mobil1.net>
 - 30) [159006] Simple PIC programmer PCB and SX28 proto PCB
by "Leon Heller" <leon_heller@hotmail.com>
 - 31) [159007] [OT] Similarities in Wave Behavior: Students edition
by jacksonharbor@att.net
 - 32) [159008] RM-10811
by "John Sielke" <jsielke@pobox.com>
 - 33) [159009] Re: Newbie homebrew 40m qrp transmitter question
by "Nick Kennedy" <nkennedy@tcainet.net.com>
 - 34) [159010] Re: Zombie shuffle
by "John Sielke" <jsielke@pobox.com>
 - 35) [159011] Re: LZ2RS
by "Thomas Lewis" <thomas_h_lewis@msn.com>
 - 36) [159012] For Sale Tuners, tcvr, antenna
by "Armin Hachmer" <armin@muskoka.com>
 - 37) [159013] Re: PAC-12
by "John Sielke" <jsielke@pobox.com>
 - 38) [159014] Found: 100 MHz TTL clock osc. used in NJQRP DDS card?
by Brad Thompson <Brad.Thompson@valley.net>
 - 39) [159015] RE: Zombie shuffle
by "John Sielke" <jsielke@pobox.com>
 - 40) [159016] LM3909
by WAYNE SMITH <k8ff@juno.com>
 - 41) [159017] AZ ScQRPion Class E XMTR
by w5jh@swlink.net
 - 42) [159018] Re: How to upgrade Win 98
by Steve.Lawrence@ITWFEG.COM
 - 43) [159019] RE: PAC-12

- by "Boulineau, Lee" <lee.boulineau@attws.com>
- 44) [159020] Re: How to upgrade Win 98
by w9ya <w9ya@arrl.net>
- 45) [159021] [OT] CD disc labels for CW course
by Chuck Adams <k7qo@commspeed.net>
- 46) [159022] WTB: QRP+ Comapnion
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 47) [159023] RE: Items FS
by "Bob Okas" <vintage2@earthlink.net>
- 48) [159024] Re: Newbie homebrew 40m qrp transmitter question
by "Lew Paceley" <lew@paceley.com>
- 49) [159025] QRPacificon Speakers
by "Doug Hendricks" <ki6ds@dpol.net>
- 50) [159026] Results last nights NEQRP SSB NET
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 51) [159027] OT: Fwd: Sears And The Military
by Ed Tanton <n4xy@earthlink.net>
- 52) [159028] Re: How to upgrade Win 98
by "Bill Jones" <kd7s@psnw.com>
- 53) [159029] FOX--Sked and FOXes
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 54) [159030] A chance to work Alaska this weekend. SSB and CW
by Jim Larsen <JimLarsen2002@alaska.net>
- 55) [159031] Re: FOX--Sked and FOXes
by Lloyd Lachow <llachow@yahoo.com>
- 56) [159032] OOPS--Winter FOX Sked (revised)
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 57) [159033] Sierra question
by ARDUJENSKI@aol.com
- 58) [159034] K0EVZ New Mexico QTH
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 59) [159035] Re: A chance to work Alaska this weekend. SSB and CW
by Karl Larsen <k5di@zianet.com>
- 60) [159036] Alaska Special Events Station
by Jim Larsen <JimLarsen2002@alaska.net>

Date: Tue, 7 Oct 2003 15:31:24 -0700 (PDT)
From: Patrick Gardella <pgardella@yahoo.com>
To: tentec@contesting.com, qrp-l <qrp-l@Lehigh.EDU>
Subject: [158977] OT: Laptop for sale/trade
Message-ID: <20031007223124.63212.qmail@web40910.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've got an Toshiba Satelllite T2155CDS laptop (486/DX4 75) for sale. I've been using it as my

PSK-31 rig with my TenTec Argonaut V, but my carpal tunnel syndrome is kicking in again, and I need to use my ergonomic keyboard on my main computer. So I have this laptop with no purpose right now. See below for more details. It would be perfect as a logging system, or for PSK-31, like I did.

I'm looking to get \$75 for it (you pay for shipping), or to trade for a 2m or 2m/440 mobile rig.
(I'd prefer an Icom or Yaesu). Let's talk :)

73,
Patrick N3E0

The laptop is in excellent condition; it had the motherboard replaced in it prior to the service contract expiring two years ago. As I said, I use it for PSK-31 work, with Digipan 1.7. No dead pixels as far as I can see.

Now the details:
486/DX4 75MHz
20 MB Memory
510 MB HD
640x480 x 256 colors
Windows 95B (with CD)
4X CD (internal)
1.44" floppy external
internal sound card
1 serial port, 1 parallel port, 1 video out port and a PS/2 keyboard port
10BaseT Ethernet card (PCMCIA)
Battery? next to no life left
power cord
Size is 9" x 11" x 2.5"

This model is the same as the T2150CD system, but it had different software on it originally
(optional windows 3.1 or 95)
[http://www.csd.toshiba.com/cgi-bin/tais/su/su_sc_modItemList.jsp?](http://www.csd.toshiba.com/cgi-bin/tais/su/su_sc_modItemList.jsp?ProductMenu_0=Portables&ProductMenu_1=Satellite&ProductMenu_2=1073774417&x=24&y=10&BV_SessionID=%40%40%40%401649728685.1065564571%40%40%40%40&BV_EngineID=ccccfadcjihjmdkjcgfkcghdngdglj.0&moid=1073774417&smoid=true&ct=DL&ListType=Model)
[ProductMenu_0=Portables&ProductMenu_1=Satellite&ProductMenu_2=1073774417&x=24&y=10&BV_SessionID=%40%40%40%401649728685.1065564571%40%40%40%40&BV_EngineID=ccccfadcjihjmdkjcgfkcghdngdglj.0&moid=1073774417&smoid=true&ct=DL&ListType=Model](http://www.csd.toshiba.com/cgi-bin/tais/su/su_sc_modItemList.jsp?ProductMenu_0=Portables&ProductMenu_1=Satellite&ProductMenu_2=1073774417&x=24&y=10&BV_SessionID=%40%40%40%401649728685.1065564571%40%40%40%40&BV_EngineID=ccccfadcjihjmdkjcgfkcghdngdglj.0&moid=1073774417&smoid=true&ct=DL&ListType=Model)
or a FAQ at:
<http://home.att.net/~ronkar/toshiba.html>

Do you Yahoo!?

The New Yahoo! Shopping - with improved product search
<http://shopping.yahoo.com>

Date: Tue, 7 Oct 2003 16:20:10 -0700
From: "nf7v" <nf7v@cox.net>
To: <qrp-1@lehigh.edu>
Subject: [158978] For Sale: FT-817 at a good price
Message-ID: <000e01c38d29\$8d884740\$0200a8c0@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have the following for sale.

TOTAL PRICE \$600 AND YOU PAY SHIPPING

*** Please respond directly to me nf7v@cox.net ***

Yaesu FT-817 capable of 60 meters
purchased new from Ham Radio Outlet in August 2002.
includes: Microphone
 "AA"battery holder
 antenna for 6 & 2 meters and 70 cmeters
 ED6-B power cable (with zener, fuse and powerport connectors installed)
 strap
 and manual.

also purchased at the same time was a special promotion kit from Yaesu which included:

 Yaesu FNB-72 Nicad battery pack (1000mahrs)
 Yaesu NC-72B Nicad Charger
 Yaesu MC-36 DTMF Microphone (needed to access autopatches on VHF and UHF)
 Yaesu Vinyl case

and:

 from Batteries America (see QST)
 a 2200 mahr battery

 "The pack-it reference manual for the YAESU FT-817" second edition, by VE3AYR

 Yaesu CT-62 serial interface cable.

Russ NF7V
nf7v@cox.net

Date: Tue, 07 Oct 2003 23:16:30 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Cc: k7q0@commspeed.net
Subject: [158979] [OT] PICKit - Microchip Starter kit
Message-ID: <200310072316.h97NGVsm032201@rain.CC.Lehigh.EDU>

Chuck -

I've got a PICKit - don't use it much but it has saved me a couple of times, has a nice feature to "learn" the internal oscillator calibration constant if that is accidentally messed up. I've also found it can revive misprogrammed parts under some circumstances.

I use it with w98 first edition, although I did have second edition on there for a while so maybe that's why it works OK. Also, I seem to recall that you need to install a USB driver from the windows disk.

Two nice inclusions are the source code for both the USB PIC on the PICKit circuit board and the source code for the programming software. I assume this means that some software capable folks can port this to Linux and maybe with the appropriate programming adapter and changes to the software, that the PICKit can program parts other than the four which it currently programs so nicely.

Mine came with a postcard that I sent in to get one of the 14 pin parts.

It also has a nice prototype board which can be easily snapped off the PICKit board.

If you send (mail) in your order to Digi-Key the shipping is free.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press

Date: Tue, 7 Oct 2003 20:05:03 -0400
From: "Ron Polityka" <wb3aal@verizon.net>
To: <tjmc@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [158980] Re: Zombie shuffle??
Message-ID: <000a01c38d2f\$d3483550\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom,

Check out Norcal for Zombie information.

<http://www.norcalqrp.com/>

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

----- Original Message -----
From: "tjmc" <tjmc@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 07, 2003 3:46 PM
Subject: Zombie shuffle??

> Any info on the Zombie shuffle this Oct...
> the magic date is coming up soon!
>
> best
> Tom aa2vk
>
>
>

Date: Tue, 7 Oct 2003 21:12:46 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU, SoaringToNewHts@webtv.net
Subject: [158981] SW - XX series tuneup info !

Message-ID: <20031007.211252.4230.0.kc8aon@juno.com>

Just recently built an SW-20+, and built an SW-40+ about a year ago, and got an SW-30+ coming some time this week. From the 20 and 40 meter version, I have only been able to get about 1.7 to 1.8 watts from either rig as measured with an RF probe into a 50 ohm load. I could turn R24 up past this range, but the sidetone would get really harsh sounding like RF was getting into something it wasn't supposed to ! So I emailed Dave Benson at Small Wonder Labs and asked him about it. The rigs are advertised at 2.5 watts, so I figured maybe I had done something wrong and wondered if the hash sidetone was also an indication of a bad transmitted signal. Dave emailed me back, and confirmed that the harsh sidetone was due to mis tuned transformers T1 and T2 and that it would effect the transmitted signal. So, this evening, I connected my dummy load and my RF probe, along with an analog voltmeter so that I could detect a peak better. I tweaked back and forth several times between the 2 transformers, while really paying attention to the peaks this time. This time I brought it up to 11.5 RF volts which roughly comes out to 2.6 watts ! When I started, I was reading 9.5 RF volts for about 1.8 watts ! And all this was without touching R24 ! That was with the SW-20+, now for the SW-40+ ! To make a long story short, it came out basically the same, and I finally decided to set them both (via R24) to 2 watts even ! I know that an extra quarter watt each isn't going to make any difference in received signal strength, but I'm sure that the transmitted signal is much cleaner now ! So, whenever you build one of these great little rigs, pay special attention to tuning the transmitter section, it will pay off in the long run !

Thanks for your help Dave ! You have a great product there !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, SW-20+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW when I'm dead ! MAYBE !

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Date: Tue, 7 Oct 2003 19:21:32 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: K5KW <k5kw@onrampok.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [158982] Re: LZ2RS

Message-ID: <Pine.LNX.4.44.0310071916220.4696-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 7 Oct 2003, K5KW wrote:

> >>Karl Larsen, K5DI, wrote:

>

> There must be something wrong with my fist. Maybe too fast for conditions.

> But at about 1700z I copied LZ2RS calling cq QRP several times and grinning

> with confidence I called him back with a 2 by 3 and... nothing. He

> disappeared.<<

>

> Karl,

>

> Perhaps to fast for conditions, but not to fast for my friend Rumin

> Stephanov, LZ2RS, under normal conditions.

>

I guess not, but he didn't come back to anyone it seemed.

> "Rumi" is a very capable cw op and has exceptionally

> good ears. I've worked him countless times over the years on several bands.

> Rumi holds USA WAS and has an astonishing number of USA Counties confirmed,

> all QRP! He and I once played "QRP Limbo" on 20 meters and were both getting

> solid copy on our K2 rigs at 100 mw.

>

Ahh, the sunspot max....

> I've never met Rumi, but have gotten to know him pretty well. Rumi lives in

> Gabrova, Bulgaria, and works as an engineer at a radio station. He knows

> American History better than most American students, and thinks Thomas

> Jefferson was one of the world's greatest heroes. If you hear Rumi again,

> try again. He's a neat guy.

>

We was. I fell in love with George Marshal because he was better than anyone else at EVERYTHING. When he was accused of being a Communist the President stood up for him.

> 73,

>

> Don, K5KW

> Fort Gibson, OK

>

>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 7 Oct 2003 18:22:53 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158983] How to upgrade Win 98
Message-ID: <002101c38d3b\$073beae0\$a16aadcf@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an older laptop with Windows 98 on it which works well just as it is except for one thing MPLAB software requires Win98 Second Edition. No problem I have a valid Win 98 SE CD. But when I attempt to install it over the original Win 98 version I get an error message saying I can't upgrade with this CD. I am reluctant to format the hard drive in the laptop and start from scratch. Anybody have any suggestions?

AND NO, I'M NOT GOING TO SWITCH TO LINUX!

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Tue, 07 Oct 2003 21:34:49 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [158984] Re:DD-1 manual - THANKS!
Message-ID: <3F833179.20321.6382BFC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Many thanks to all who replied. I received 2 copies of the manual, and the

instructions for setting up the offset. All set.

John W2AGN

Date: Tue, 7 Oct 2003 21:37:23 -0400
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [158985] Worked a great-sounding vintage rig on 80 this evening...
Message-ID: <000701c38d3c\$bac913c0\$7f26ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, gang.

You know, sometimes a really neat qso comes along and it just looks nice in the log.

Just finished chatting with Ben, WA3RLT in Coatesville, Pennsylvania, on 3705 kcs, using my IC-703 at 5 Watts out to the end-fed wire.

Ben was running a Barker & Williamson 5100B to a dipole and he was receiving me on his Hammarlund HQ-170.

Yessir, a real hybrid qso, that...

We were 'troubled by static' and also suffered 'signals fading' :)

But, Ben proudly stated that the filtering in the '170 had helped to pull me through.

I don't remember the output of the 5100B(guess I could look it up) but it sure sounded potent here.

Ben was grid-block keying the 5100B with an MFJ-484C.

I mentioned to Ben that I use a Heathkit HD-1410 keyer with an outboard high-voltage transistor for keying my cathode-keyed rigs like the Meissner Signal Shifter, the Heathkit DX-40 and the Eico 723. This 'extra' transistor is actually an old Mitsubishi type QM75DY-H, no 2N7A0...weighs about a pound. I pulled it from a defunct DC motor drive twenty years or so ago. Has two transistors in the package. One a dead short. I use the other one...

The only older, still functional transistors I have around here are the 2N107 pnp joddies in my Heathkit Workshop 19 (aka SK-50)...from around 1960.

"...and I'm gettin' old..." from 'Heart of Gold' - Neil Young

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Tue, 7 Oct 2003 21:42:20 -0400

From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [158986] Spectrogram
Message-ID: <005301c38d3d\$69f548f0\$9e6d1f18@BandE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone who responded to my earlier post. I downloaded version 5 and it is working fine.

73

Brent WB4X

Date: Tue, 7 Oct 2003 21:41:54 -0400
From: Rick McKee <kc8aon@juno.com>
To: ac7a@earthlink.net, qrp-1@Lehigh.EDU
Subject: [158987] Re: PAC-12
Message-ID: <20031007.214239.4230.4.kc8aon@juno.com>

My version of the PAC-12 antenna, is slightly larger than the original design ! First, my bottom section is 48" long, and made from a 3/8" diameter aluminum gun cleaning rod that breaks down into 12" pieces ! I already had a 5/16" threaded socket on one end for gun cleaning attachments, so I used 5/16" inch bolts on the bottom of my coils to screw directly into this. Then I threaded the bottom end with 3/8" x 24 threads, so it would screw directly into a common antenna mount. I then built a spiked ground mount for it with a regular antenna feed through connector, which has the 3/8" threaded socket on top with an SO-239 at the bottom for the coax feedline. I can also use this antenna on my truck (while parked of course) with a regular antenna mount I have mounted on the bed rail of the truck. My PAC-12 fully assembled is around 10' tall, and I'm sure exhibits slightly more efficiency than the shorter version. My coils are also wound on 1.5" pvc pipe so the coils should have a higher Q factor. I have been thinking of building an even larger version, using 3/25" copper pipe in four 2' sections fastened together with brass compression fittings for the bottom, and a 6' telescopic whip on top of the coils for a total height of about 14' ! Should be a real performer !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, SW-20+, Norcal BLT, Norcal Cascade, Yaesu FT-7,
Homebrew 6V6 tube TX & Hallicrafters SW500 RX

QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists
I'll give up CW when I'm dead ! MAYBE !

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Date: Tue, 7 Oct 2003 18:51:31 -0700
From: Steve Smith <sigcom@juno.com>
To: ki6ds@dpol.net
Cc: qrp-l@Lehigh.EDU
Subject: [158988] Re: QRPacificon is COMING!!!!!!!
Message-ID: <20031007.185131.-70935.14.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Doug is right. If you can make it to Pacificon you will have a ball!

And that keyer kit for the contest is a hoot. An easy build, even if you're a novice rosin snorter, thanks to the outstanding Pittsburg (KS) style circuit board. So get your registration in and put that soldering iron on hot standby.

Hope to CU there.

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

On Tue, 7 Oct 2003 12:28:56 -0700 "Doug Hendricks" <ki6ds@dpol.net>
writes:

> Guys get ready, because QRPacificon is coming up really fast.

Friday

> night QRP
> Open House, featuring out Audio QSO Party with our special keyers
> that are a
> part of the \$10 registration package. You did register didn't you?
> If not

> better hurry, as we will not be mailing any kits after Friday of
> this week.
> The audio qso party promises to be an exciting event, and I can't
> wait to
> hear it, grin.
>

> Saturday, the fun begins at 8:00 in the morning. More on that
> later..... 72, Doug, KI6DS
>
>
>

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Date: Tue, 7 Oct 2003 22:22:25 -0400
From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <nn7ck@arrl.net>
Subject: [158989] KD1JV de NN7CK
Message-ID: <006f01c38d43\$03f63c20\$0902a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve ... All attempts to email you have been unsuccessful.

Please contact me direct, need to know if you still have any of the
Controllers for AD9850 DDS available.

Thanks ... Gene ... NN7CK

Date: Tue, 07 Oct 2003 19:40:34 -0700
From: James Bennett <jwbennett@sprintmail.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [158990] Re: PAC-12
Message-ID: <3F837922.24ADD005@sprintmail.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thomas and all,

First, thanks to everyone for the comments on the PAC-12. I appreciate all comments positive and negative.

You are correct , the PAC-12 does not violate any laws of Physics and I do not claim that it performs miracles. It is designed to be as efficient as possible for its size and weight.

Any shortened antenna is a compromise, the trick is to limit the losses as much as possible. The basic PAC-12 design is a good example. One can certainly improve the performance by making the coil diameter larger. However, as the coil gets much larger, a stronger base section is needed and the light weight advantage is lost. If light weight is not an issue, a builder can improve efficiency by using a bigger coil. Also, increasing the length of the base section will also improve a bit. More radials also help to reduce ground losses. All of these have tradeoffs in the portability and ease of setup of the antenna.

Many builders have taken the basic design and customized it for their specific needs. I encourage anyone building the antenna to use it as an experimenters platform and try some modifications.

Thanks and 73
James Bennett
KA5DVS/2

ac7a@earthlink.net wrote:

> The thing to keep in mind is that the laws of physics apply equally to PAC-12. The loading coil is not a hi-Q design, and the ground return losses may be high due to the limited radial deployment. These characteristics plague most short antennas and result in low efficiency. There is no particular reason why the PAC-12 will produce a higher level of performance than any other well designed short vertical.

>

> I operated the CA QSO party this past weekend in the QRP category. The propagation was great. Under such conditions almost any antenna seems to work. However, when conditions are poor nothing seems to work. That may explain why the PAC-12 gives the appearance of doing an exceptional job. That said, I have been interested in the PAC-12 as a versatile portable antenna that allows operation

where other antennas are not practical. It nicely fills the bill for quick set up and operation.

>

> Regards, Thomas - AC7A (Tucson)

Date: Tue, 7 Oct 2003 23:06:55 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [158991] Spartan Sprint with new K1
Message-ID: <795697B0-F93C-11D7-991B-00039309268A@sympatico.ca>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I have been an ARS member since its inception but this past Monday night was my first ever Spartan Sprint and I had a lot fun in spite of pretty high noise levels on 20M and 40M.

I just finished building my 4 band K1 on the weekend and wanted to give it a little exercise and it sure performed well.

I do want to apologize to anyone that worked me and got a string of gibberish at the beginning of my exchange. I was having some really strange intermittent problems with my paddles that I finally seemed to sort out by repeated cleaning of the contacts.

It reminds me of the time I setup for FYBO and the first time I hit the paddles to call a station the dit paddle got stuck ... boy can you ever send a lot of dits in a short time at 18wpm!

Anyway I had a lot of fun ... only worked 11 stations (pretty much everything I could hear through the noise) but I'll be back next month.

Michael VE3WMB

Date: Tue, 7 Oct 2003 20:24:39 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [158992] Re: How to upgrade Win 98
Message-ID: <20031008032439.GA2032@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Oct 07, 2003 at 06:22:53PM -0700, Bill Jones wrote:

> I have an older laptop with Windows 98 on it which works well just as it is
> except for one thing MPLAB software requires Win98 Second Edition. No
> problem I have a valid Win 98 SE CD. But when I attempt to install it
> over the original Win 98 version I get an error message saying I can't
> upgrade with this CD. I am reluctant to format the hard drive in the laptop
> and start from scratch. Anybody have any suggestions?
>

There are two versions of the CD, one for new installations only and the other for upgrades only. AFAIK, you can only install it if you format the drive.

--

Bob Nielsen, N7XY
Bainbridge Island, WA

n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Tue, 7 Oct 2003 23:45:18 -0400
From: "JBCrafts" <jbcraft@adelphia.net>
To: <nielsen@oz.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [158993] RE: How to upgrade Win 98
Message-ID: <AGEJJBFLPLHMOECFDINOGAEAFDHAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

actually, there is a way to fake the old version to have the new upgrade think it is installing a virgin copy...

I DO NOT REMEMBER IT RIGHT NOW, I will need to research it unless someone answers first.

Vov K8YS

From: wo7t@juno.com
To: qrp-1@Lehigh.edu
Subject: [158995] Radio Shack 22-503 P.S. Schematic Wanted
Message-ID: <20031007.210152.849.95296@webmail06.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Anyone have schematic and/or service manual for this switching
3A power supply.

I see mod articles out on the web, to take it up to 14+V, but
I actually want to take one down to about 12.2V, from it's current
default 13.8V

Looks to me as if a zener and resistor are controlling the V-out.

73
Mark

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 7 Oct 2003 21:39:33 -0700 (PDT)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [158996] Re: Luxembourg on 15 Meters
Message-ID: <20031008043933.20214.qmail@web60310.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John Sielke <jsielke@pobox.com> wrote:

> LZ2RS is an EXCELLENT CW op. I have had many QSOs with him, and have
> his QSL.
> He is, however, NOT in Luxembourg, but in Bulgaria. LX is Luxembourg.
>
> John W2AGN

I too have worked Rumi who, on his QSL card, indicated what RST I had
given him while he ran through 4 power levels during out contact (5w,
1w, 500mw, and 100mw). Excellent op and a pleasure to work.

72, Gary -K8KFJ-

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Tue, 7 Oct 2003 22:10:28 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: <jwbennett@sprintmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [158997] Re: PAC-12
Message-ID: <002701c38d5a\$7dcb89d0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

James,

Good points and thank you for your efforts to produce a very nice portable antenna design.

My comment, "The thing to keep in mind is that the laws of physics apply equally to PAC-12" may be generally incorrect. In a physical fashion we may be able to relate our antennas physics, but probably not from an electrical standpoint. It sounded right when I typed it. The rest of what I said should be sound.

Regards, Thomas - AC7A

----- Original Message -----

From: "James Bennett" <jwbennett@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 07, 2003 7:40 PM
Subject: Re: PAC-12

> Thomas and all,

>

> First, thanks to everyone for the comments on the PAC-12. I appreciate all comments

> positive and negative.

>

> You are correct , the PAC-12 does not violate any laws of Physics and I do not claim that it performs miracles.

<snip>

>
> Thanks and 73
> James Bennett
> KA5DVS/2

Date: Wed, 08 Oct 2003 06:25:57 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: bill@n4qa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [158998] Re: Worked a great-sounding vintage rig on 80 this evening...
Message-ID: <3F83E635.2C2A2952@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting QSO. A look into the past. It is a good example of another "splinter group" in our hobby, vintage radio. There are very many who collect and use vintage radios. In their own way they are like QRP but in a big box; a very big box!

Collecting vintage radio equipment probably means more to those of us who lived through using it, but there are also a lot of passionate newbies too. For me it brings back my early days as a ham and also, now that I can afford it, the opportunity to acquire equipment I could only dream of back then!

The B&W 5100B ran 100 watts output, if I remember. It was in the class of the Viking II, and DX-100 transmitters. The HQ-170 is a very nice, ham bands only. receiver. I have one and I like to use it.

73

Date: Wed, 08 Oct 2003 06:30:34 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [158999] Re: How to upgrade Win 98
Message-ID: <3F83E74A.B307D1E4@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I seem to remember you could upgrade to Second Edition by contacting Microsoft and downloading the patches. You have to be the registered owner or they will charge you. SE adds a lot of functionality to Windows.

73

Date: Wed, 8 Oct 2003 13:04:45 +0200
From: "Deni" <deni1@tiscali.fr>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159000] Wanted MFJ 1025 or 1026
Message-ID: <002a01c38d8c\$038f32c0\$0b0024d5@toshibatw3oysk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Urgent need for the MFJ 1025 or 1026 Signal Enhancer (Antenna phasing unit)

Anyone like to sell?

73, Deni

GM3SKN

Date: Wed, 8 Oct 2003 07:07:39 -0400
From: "Paul Womble" <pwomble@verizon.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [159001] RE: Zombie shuffle??
Message-ID: <000001c38d8c\$63393fe0\$6601a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

The Norcal site still has the 2002 rules and date/time.

We need the 2003 update.

Paul K4FB

> -----Original Message-----

> Check out Norcal for Zombie information.

>

<http://www.norcalqrp.com/>

Date: Wed, 8 Oct 2003 07:35:31 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nielsen@oz.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [159002] Re: How to upgrade Win 98
Message-ID: <005201c38d90\$5bb1eca0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> There are two versions of the CD, one for new installations only and the
> other for upgrades only. AFAIK, you can only install it if you format
> the drive.

If I remember right, the 'full version' will install over anything.

But, there are OEM versions. If you have two OEM versions, I don't
think you can do the upgrade unless they match.

Date: Wed, 8 Oct 2003 07:17:43 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [159003] FS/T Heathkit Solid State Dip Meter
Message-ID: <IBEGLCMLCDHHEFLBPHBOAEFKCOAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have this Heath solid state dip meter (no book) in very good condition that I no longer need and I'd like to sell or trade it. Asking price is \$50.00 shipped in CONUS, or preferably trade it for an Oak Hills Research QRP wattmeter (non-built or non working is ok as long as the meter itself is good and the schematic/calibration instructions are with it).

Jim, W0EB
Wichita, KS
w0eb@cox.net <http://members.cox.net/w0eb>
316-744-3022

Date: Wed, 8 Oct 2003 07:37:45 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159004] Re: FS: Norcal BLT Kit
Message-ID: <200310873745.519595@EOS>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The kit has been sold. Thanks to all who inquired.

Tim, N9PUZ

Date: Wed, 8 Oct 2003 07:39:42 -0500
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [159005] Update Tenna Dipper Kit
Message-ID: <02e101c38d99\$3fa693e0\$95c03fd8@n0mq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We had a lot of emails asking if the Tenna Dipper was still in stock. Yes it is. We can ship same day. The URL is <http://www.w0ch.net/fsqrp/kits/kits.htm>
Thanks for all the support so far with the purchase of the kits. This is being used to fund OzarkCon April 9 and 10th, 2004 in Joplin, Mo.. A new review of the Tenna Dipper in Oct issue of CQ by Dave Ingram K4TWJ

72
4SQR Group
Gene NOMQ

Date: Wed, 8 Oct 2003 13:44:19 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@Lehigh.EDU>
Subject: [159006] Simple PIC programmer PCB and SX28 proto PCB
Message-ID: <Law15-DAV51EiuGHiYg000048f0@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just updated my version of the JDM PIC programmer:

http://www.geocities.com/leon_heller/pic.html

It now handles the newer 16F628, as well as the obsolete 16F84. I've also taken the opportunity to tidy up the layout, making construction easier. The new artwork is provided.

I'll still use the old one, as I have modified it for the 16F628 (pin 10, RB4, needs to be grounded). A friend of mine wanted me to make him one, hence the motivation for the new version.

I've also designed a prototyping PCB for the PIC-like Ubicom/Scenix SX28:

http://www.geocities.com/leon_heller/sx28.html

The SX28 can manage 50/75 MIPS, when clocked at 50/75 MHz. It takes over 80 mA at those speeds, though.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Wed, 08 Oct 2003 12:51:54 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Subject: [159007] [OT} Similarities in Wave Behavior: Students edition

Message-ID: <200310081251.h98Cpssm021371@rain.CC.Lehigh.EDU>

Gang -

Last month, Dave Porter, AA3UR, posted this neat link:

<<http://home.gwi.net/~jdebell/pe/cj/v15-6.htm>>

I did a little searching on Ebay and found a copy of the booklet mentioned in that wonderful Carl and Jerry story. After a little scanning, I've posted the booklet on the web in pdf format (big: about 1.3 megabytes) at:

<<http://wb9kzy.home.att.net/behavior.pdf>>

and also in dejavu format (much smaller, 368 k):

<<http://wb9kzy.home.att.net/behavior.djvu>>

BTW, dejavu is used a lot on the BAMA manuals web site.

One of these days I gotta try building one of those wave machines.

I'm also on the lookout for the accompanying Bell Labs video.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<<http://jacksonharbor.home.att.net/>>

Date: Wed, 08 Oct 2003 08:53:38 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [159008] RM-10811
Message-ID: <3F83D092.1355.8A5C921@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Just to advise anyone interested, the FCC has assigned RM-10811, the FISTS petition to retain CW testing. It is open for comments. If you have an interest, please read the petition and make your comments.

John W2AGN

Date: Wed, 8 Oct 2003 07:58:11 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <John_Sandin@osca.state.mo.us>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159009] Re: Newbie homebrew 40m qrp transmitter question
Message-ID: <002f01c38dac\$9822ba90\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John-

A real nice job on the physical appearance of the TX and congrats on homebrewing up a rig right out of the chute. That's more that most of us could do.

Your 7 volts peak equates to 500 milliwatts out. You sort of start out in a hole with QRP (and you are QRPP - 10 dB below 5 watts) and you've dug yourself a lot deeper one with that low antenna. If you *cannot* get a dipole or other horizontal wire type antenna up to a reasonable height, try a vertical.

Yes, long interconnecting wires are going to cause you problems with RF, although on 40 meters, a few inches usually isn't a killer. But bundling them with other wires is not good, as you've realized, because the coupling will cause more problems.

And yes, that resonant tank output isn't giving you much harmonic suppression. You could add on a more conventional filter to take care of that problem. But that wouldn't help you be heard.

I don't think substituting for the FT-243 is a problem. The fact that you hear only a chirp briefly says there's not much of a problem here.

Since your final amplifier is class-C (no current without RF drive), I'd consider the fact that it gets hot to be a good thing. Of course, if output drops to zero, then you had too much of a good thing and needed a bigger heat sink.

I see you're in Kansas. Maybe you could get some local QRP-Ler to listen for you. Just being heard at all, or having a scheduled QSO, can do wonders for motivation. If we really want to be bold, I'll give a listen down here in Arkansas.

Check out NORCAL or similar web sites for a circuit for a companion 5 watt amplifier for your rig. Use it when conditions are mediocre or your antennas is crummy, and run the TX barefoot when things are better or you want a bigger challenge.

72 & Good Luck,

Nick, WA5BDU

----- Original Message -----

From: <John_Sandin@osca.state.mo.us>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, October 07, 2003 12:26 PM

Subject: Newbie homebrew 40m qrp transmitter question

> I am a new Technician, and having passed the Element 1 exam, I built the
> following CW transmitter for 40 meters:
>
> web link: <http://www.kcnet.com/~oyster/transmitter/transmitter.html>
>
> It's a solid state 3-watter, based on an article in QST in June 1967.
> Has anyone here used this design?
>
>
> I'm getting very little output. After tuning the transmitter, per the
> specs, and measuring the output using the method suggested by the
> author of the web page, I figure I'm getting 1 watt or less (I'm measuring
> a max of 7 V across the dummy load, recitified with a cap and diode).
>
> When transmitting, I am feeding this output into a dipole cut for 40
> meters, which is 7 feet off the ground. I've been informed by
> rec.radio.amateur.homebrew that this is much too low, but this is only
part
> of the problem.

Date: Wed, 08 Oct 2003 08:56:31 -0400

From: "John Sielke" <jsielke@pobox.com>

To: qrp-1@lehigh.edu

Subject: [159010] Re: Zombie shuffle

Message-ID: <3F83D13F.14293.8A86C35@localhost>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> Hi Tom,
>
> Check out Norcal for Zombie information.
>
> <http://www.norcalqrp.com/>

Unfortunately, the Norcal page still only has the 2002 information.

John W2AGN

Date: Wed, 08 Oct 2003 08:56:46 -0400
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [159011] Re: LZ2RS
Message-ID: <BAY5-F6BQXkcTTTrdoUL00014b9f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I've had the pleasure of working Rumi several times from SFLA with my RockMite on 20. During our last QSO he cut his power to 500 mW and then asked me to do the same! Of course, I couldn't do that on the fly with the RockMite.

Tom
K4THL

Get McAfee virus scanning and cleaning of incoming attachments. Get Hotmail Extra Storage! <http://join.msn.com/?PAGE=features/es>

Date: Wed, 8 Oct 2003 08:55:29 -0400
From: "Armin Hachmer" <armin@muskoka.com>
To: <forsale-swap@qth.net>,
"Multiple recipients of list QRP-CANADA"
Subject: [159012] For Sale Tuners, tcvr, antenna
Message-ID: <004001c38d9c\$093fda20\$376c7bd8@muskoka.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

LDG autotuner AT11, factory built, good condition, \$180. (140. US) shipped.

MFJ 1796 antenna 40,20,15,10,6,2. vertical dipole, 12 feet, small footprint,
no radials, good condition, good condition. Assembled and tuned. \$120.
(80.US) take apart, pack and ship negotiable.

Icom AH2 autotuner. Works with 706 tune button or any other TCVR with
included tuning control, good condition. \$200. (140.US) shipped.

MFJ 9420 QRP TXCVR 20m CW and SSB, good condition, \$200. (140.US)
shipped.

Call or email. I can send pix.
Make an offer, I also could use a 40m cw backpacking rig.

Armin VE3TEQ
705-375-2276
armin@muskoka.com

Date: Wed, 08 Oct 2003 09:01:26 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [159013] Re: PAC-12
Message-ID: <3F83D266.6463.8ACED96@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> Any shortened antenna is a compromise, the trick is to limit the
> losses as much as possible. The basic PAC-12 design is a good example.
> One can certainly improve the performance by making the coil diameter
> larger. However, as the coil gets much larger, a stronger base section is
> needed and the light weight advantage is lost. If light weight is not an
> issue, a builder can improve efficiency by using a bigger coil. Also,
> increasing the length of the base section will also improve a bit. More
> radials also help to reduce ground losses. All of these have tradeoffs in
> the portability and ease of setup of the antenna.

Well, the Airdux stock I used is 2.5 inch inner diameter, so I guess my coil is a bit higher Q. I notice the tap settings are very critical, 1/2 turn making a big difference. But the stock base section seems plenty strong enough to support it (I hope). Anyway, it works far better than any other small portable antenna I have tried, even better than my SLV with W6MMA coil on an SD-20 pole, which is quite a bit larger.

John W2AGN

Date: Wed, 08 Oct 2003 09:33:12 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Leon Heller" <leon_heller@hotmail.com>, qrp-1@Lehigh.EDU
Subject: [159014] Found: 100 MHz TTL clock osc. used in NJQRP DDS card?
Message-ID: <5.0.2.1.2.20031008093117.020d8b90@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

Thanks to Leon and the other OMs who replied-- I found the 100 MHz TTL clock oscillators at Jameco...

www.jameco.com

..For \$2.25 each in litters of ten, plus postage and handling.

Usual disclaimers apply.

73--

Brad AA1IP

Date: Wed, 08 Oct 2003 09:27:29 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [159015] RE: Zombie shuffle
Message-ID: <3F83D881.11651.8C4C6AF@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> The Norcal site still has the 2002 rules and date/time.

>

> We need the 2003 update.
>
> Paul K4FB

Maybe with the advent of AmQRP, zombies are passe'?

"An American Zombie in California?"

John W2AGN

Date: Wed, 8 Oct 2003 09:26:52 -0400
From: WAYNE SMITH <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [159016] LM3909
Message-ID: <20031008.093104.2520.6.K8FF@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a friend that is looking for a source for LM3909 chips. He tells me that this is a discontinued item and is having trouble finding them. Any suggestions would be greatly appreciated.

Wayne, K8FF

Date: Wed, 8 Oct 2003 06:36:23 -0700
From: w5jh@swlink.net
To: qrp-l@lehigh.edu
Subject: [159017] AZ ScQRPion Class E XMTR
Message-ID: <200310081336.h98DaNv24640@newbambam.swlink.net>

Folks,

We have 13 transmitter left. After these are sold, we will not be kitting anymore. We will be moving on to a different kit. If you are interested in class E operation, now is the time to order. Current inventory is:

6	40 meter xmtrs
5	30 meter xmtrs
2	20 meter xmtrs

This transmitter is a great way to experiment with class E design. It comes with all board parts, the tuning pot, and a Phoenix style pc board. What's a Phoenix style board? Well if every other city can have a board, then so can

Phoenix! You furnish a case, knob, connectors, and a dpdt switch. The matching case kit has sold out and will not be kitted again. The cost of the transmitter is \$20 shipped to an USA address and \$22 to Canada. For more information, see <<http://www.swlink.net/~w5jh/azsx303e.htm>>.

Jerry W5JH

Date: Wed, 8 Oct 2003 10:01:51 -0400
From: Steve.Lawrence@ITWFEG.COM
To: "Bill Jones" <kd7s@psnw.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [159018] Re: How to upgrade Win 98
Message-ID: <0FEAD5AAFC.90B208FA-0N85256DB9.004C0F1C-85256DB9.004D12E1@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Bill,

In spite of the pain, I would advise a format and re-install. Windows 9x suffers from "rot" - a gradual deterioration in performance and stability over time. This phenomenon is mostly caused by:

- 1.) Unmanaged .DLL files written into the operating system areas as a result of software installs (and subsequently not removed cleanly in de-installs).
- 2.) Accumulation of stuff in the Registry -- again as the result of software installs and unclean de-installs.

Some "experts" believe a format/reload of Windows 9x systems about every 6 months is the only cure. I've done it yearly on my 9x systems, and have always seen a dramatic improvement in stability and performance as a result. (Windows XP is much better in this respect.)

Second, upgrades don't always get you the benefit of the newer version. Decisions made by the upgrade process result in a hybrid of new and old. The resulting stability is a compromise.

GL,
Steve
aa8af

"Bill Jones" <kd7s@psnw.com>
Sent by: owner-qrp-l@Lehigh.EDU
10/07/2003 09:22 PM
Please respond to "Bill Jones"

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc:
Subject: How to upgrade Win 98

I have an older laptop with Windows 98 on it which works well just as it is except for one thing MPLAB software requires Win98 Second Edition. No problem I have a valid Win 98 SE CD. But when I attempt to install it over the original Win 98 version I get an error message saying I can't upgrade with this CD. I am reluctant to format the hard drive in the laptop and start from scratch. Anybody have any suggestions?

AND NO, I'M NOT GOING TO SWITCH TO LINUX!

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Wed, 8 Oct 2003 09:12:21 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [159019] RE: PAC-12
Message-ID: <3CD5FC1B2837DC46BC77FDDF187C26E3149D57@tx-msg07-ccc.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

-----Original Message-----

From: John Sielke [mailto:jsielke@pobox.com]

Sent: Wednesday, October 08, 2003 9:01 AM

To: Low Power Amateur Radio Discussion

Subject: Re: PAC-12

My results were similar to John's - on my PAC-12 with the Slinky Coil and wander lead, the tap settings are pretty tight. I use 8 radials and get nice results!!!

72/73 de N4MVL Lee

> Any shortened antenna is a compromise, the trick is to limit the
> losses as much as possible. The basic PAC-12 design is a good
example.

>=20

All of these have tradeoffs in
> the portability and ease of setup of the antenna.

Well, the Airdux stock I used is 2.5 inch inner diameter, so I guess my
coil=20

is a bit higher Q. I notice the tap settings are very critical, 1/2 turn

making a big difference. But the stock base section seems plenty strong=20
enough to support it (I hope). Anyway, it works far better than any
other=20

small portable antenna I have tried, even better than my SLV with W6MMA
coil=20

on an SD-20 pole, which is quite a bit larger.

John W2AGN

Date: Wed, 8 Oct 2003 09:50:58 -0500

From: w9ya <w9ya@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [159020] Re: How to upgrade Win 98

Message-ID: <200310080950.58233.w9ya@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Now this is an interesting and IMHO right-on response.

Adding my 2 cents worth.

I am a M\$ reseller, and at technical meetings M\$ freely warns it's OEM's that upgrading is not a recommended procedure. M\$ **strongly** suggests that one should do new installs for complete "operability".

i.e.....The "...experts..." at M\$ agree with your experts Steve.

One other comment; there is a special key code for doing the SE upgrade, which is both different from either the non-SE and SE keys AND doesn't always work properly anyways.

I guess a new install is best.

72;

Bob
w9ya

On Wednesday 08 October 2003 09:01 am, Steve.Lawrence@ITWFEG.COM wrote:

> Bill,
> In spite of the pain, I would advise a format and re-install. Windows 9x
> suffers from "rot" - a gradual deterioration in performance and stability
> over time. This phenomenon is mostly caused by:
>
> 1.) Unmanaged .DLL files written into the operating system areas as a
> result of software installs (and subsequently not removed cleanly in
> de-installs).
>
> 2.) Accumulation of stuff in the Registry -- again as the result of
> software installs and unclean de-installs.
>
> Some "experts" believe a format/reload of Windows 9x systems about every 6
> months is the only cure. I've done it yearly on my 9x systems, and have
> always seen a dramatic improvement in stability and performance as a
> result. (Windows XP is much better in this respect.)
>
> Second, upgrades don't always get you the benefit of the newer version.
> Decisions made by the upgrade process result in a hybrid of new and old.
> The resulting stability is a compromise.
>
> GL,
> Steve
> aa8af
>
>

>
>
>
> "Bill Jones" <kd7s@psnw.com>
> Sent by: owner-qrp-1@Lehigh.EDU
> 10/07/2003 09:22 PM
> Please respond to "Bill Jones"
>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> cc:
> Subject: How to upgrade Win 98
>
>
> I have an older laptop with Windows 98 on it which works well just as it
> is
> except for one thing MPLAB software requires Win98 Second Edition. No
> problem I have a valid Win 98 SE CD. But when I attempt to install
> it
> over the original Win 98 version I get an error message saying I can't
> upgrade with this CD. I am reluctant to format the hard drive in the
> laptop
> and start from scratch. Anybody have any suggestions?
>
> AND NO, I'M NOT GOING TO SWITCH TO LINUX!
> =====
> Bill Jones KD7S <><
> <http://www.psnw.com/~kd7s>
> Sanger, California
> =====

Date: Wed, 08 Oct 2003 16:07:18 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [159021] [OT] CD disc labels for CW course
Message-ID: <5.2.1.1.0.20031008155620.01d7c480@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

This group knows everything.....

I have a CW course in MP3 format just about ready to go. Free
but to be distributed like we did the SuSE 8.2 release. You get

a copy and make 2 to pass on. Single CD. Instructors get first pass from me direct.

But, before I do that I need some labels. I bought two packages of the mini CD labels that contain 250 in a package with 5 labels per page.

I have an old CD stomper label application system with CD Stomper Pro software. But it doesn't understand the layout for 5 mini labels. Email to sales@comptree.com gets returned (this is the email address on the web site). These are the guys that make the labels. Of course, it could be that since I bought these at Fry's they are obsolete, but an email address on a web page should be good I'd think if a company wants to stay in business.

Any help appreciated getting labels made either by finding software on the net. I'm going to Fry's after posting this, so I might just bite the bullet and buy something there. Hate having to own two labelers..... Besides the \$30 can buy a lot of blank CDs.

Thanks in advance,

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Wed, 08 Oct 2003 11:12:18 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [159022] WTB: QRP+ Companion
Message-ID: <Law9-F43zIeudLTXlvD000001a98@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Looking for a QRP+ Companion which I believe has a tuner and battery in it.

Ron

n1zsw@hotmail.com

Get MSN 8 Dial-up Internet Service FREE for one month. Limited time offer--
sign up now! <http://join.msn.com/?page=dept/dialup>

Date: Wed, 8 Oct 2003 09:39:04 -0700
From: "Bob Okas" <vintage2@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [159023] RE: Items FS
Message-ID: <FHEJJJPJADNLFNJBOfAMEJOCGAA.vintage2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Tixie, LDG tuner and the PA-10 have been spoken for. I've added the Foxx-2 to the list:

The following items are surplus to my needs. Shipping is included in the price. All items are in good cosmetic condition. Offers considered.

1. Ten-Tec 1209 2m <-> 6m transverter. Put your HT on the magic band! Assembled and tested, with manual. \$80
2. Radio Shack HTC-100 10m SSB/CW transceiver. With mic, manual and mod notes. \$75
3. 10M QRP AM rig. This is a Radio Shack TRC-501 CB converted to 10m using the KD1JV kit. Includes RS manual and Steve's construcion notes. \$30
4. Kanga Foxx-3 80m kit. This was won in a contest and is unbuilt and still in its sealed bag. \$25

Please email me off the list.

73,
Bob - W3CD

Date: Wed, 8 Oct 2003 12:30:42 -0500
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <John_Sandin@osca.state.mo.us>
Subject: [159024] Re: Newbie homebrew 40m qrp transmitter question
Message-ID: <005801c38dc1\$e67f1ac0\$6501a8c0@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi John,
And welcome! Congratulations on homebrewing your first CW xmtr!!
Complete with homebrew circuit board - impressive!

A couple thoughts on getting it running. If you're measuring power out after you key up and the final transistor is getting hot even when idle, it indicates that either the transistor is getting inadvertently biased somehow or perhaps you have some type of parasitic oscillation. The wires running from the circuit board to the output transformer may be contributing to the problem.

Sometimes the easiest way to debug a new project is stage by stage. You might begin by taking your RF detector and measuring the output of the xtal oscillator to make sure it is providing sufficient drive for the power amp stage. I would expect to see a few volts of RF at the output of the oscillator if the circuit was operating correctly.

You can also use the RF detector to peak C1 and C2 for maximum RF out. If changing C1 and C2 does not peak the RF output voltage it may be due to the excess inductance/capacitance in the wiring to the two output transformers. I would expect to see some change however, even with the circuit as is.

If you don't make the progress you expect debugging the rig and decide to do a re-layout, you might consider creating a Manhattan style board. Chuck Adams, K7QO has several examples on his web page you might want to check out. Ditto Jim Kortege, K8IQY.

Chuck's site:
<http://www.qsl.net/k7qo/>

Jim's site:
<http://www.qsl.net/k8iqy/>

Finally, as you've already been told, a 40m dipole at 7 feet is a sky warmer :-). To really enjoy QRP ops you need to get your dipole up as far as possible to maximize your chances of a successful QSO. Mother Propagation blesses those with high antennas with more QSOs :-).

Hope this helps. Have fun!

72/73,
Lew
N5ZE

Date: Wed, 8 Oct 2003 10:40:06 -0700
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [159025] QRPacificon Speakers
Message-ID: <010001c38dc3\$368c2840\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, Pacificon has had the reputation of having excellent speakers for a long, long, time. This year is no different, as we have 5 outstanding speakers, plus for the first time, we are bringing in a special guest. Steve Weber, KD1JV, is an outstanding and prolific designer well known on this list. But Steve has never been to Pacificon, and a lot of guys out west would love to meet him. So, we twisted his arm, bought him a plane ticket and a hotel room, and he is coming this year. Steve did not want to speak, saying that he would rather spend his time one-on-one with the guys, and I can understand that. He will arrive Friday afternoon and will be in attendance at all QRP activities the entire weekend. Be sure to introduce yourself to Steve, and if you have built one of his projects, bring it along to show it off to him, I know he will enjoy seeing them.

Our Speakers are:

James Bennett: Have you read about the Pac-12 Antenna on QRP-L? Well, the designer of that antenna is one of our featured speakers. We are thrilled that he will be giving his talk on designing and using portable antennas.

George Heron: George will be talking on the development and design of the long awaited, highly anticipated NJ QRP Club Antenna Analyser kit. And I'm not supposed to say anything but I think that George is going to bring some of the kits with him!! George is the editor of the "Homebrewer" and is one of the movers and shakers behind the American QRP Club. George's accomplishments are many, but I think his biggest one was having the idea of merging the NorCal and NJ QRP Clubs into the American QRP Club. I am extremely proud of his accomplishments and am very proud to have him as a good friend and a speaker at Pacificon.

Joe Everhart: Joe will be telling 3 or 4 jokes that will bomb, thank goodness he is a better speaker than comedian, but seriously, we are privileged to have Joe on the speaker list this year. He will be following George's presentation with his own talking about the software and the

operation and uses of the NJ Antenna Analyser. Joe has promised NOT to tell the talking frog joke again this year.

Randy Foltz: Randy is one of those unsung heroes behind the scenes.. He is the contest manager for ARCI, and has done an outstanding job for years. He has also been a fixture at Pacificon, attending for the past 7 or 8 years, and always fun to be with. Last year we were talking about contesting, and I asked Randy if he would speak this year. He was the first one that I asked, and I am excited that he will be sharing his contesting QRP style experiences with us this year.

Wayne McFee: Wayne is a retired policeman with the Oakland Police Force, but also is a sort of Renaissance man. He has designed many projects that have been featured on the NorCal page and in the pages of QRPP. Wayne will do a talk on how to design a radio using previously published circuits. I saw a copy of his paper for the compendium, and it is amazing how he has designed a 40 meter transceiver with tons of features, stealing ideas from all kinds of previously published circuits. It promises to be a can't miss presentation.

Don't forget that you still have time to preregister for Pacificon. If you want to register, send an email to me that you are registering either by mail or by paypal, and give me your address. I will ship your QRPacificon keyer to you immediately. 72, Doug

Date: Wed, 08 Oct 2003 14:27:16 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: neqrp@jonal.net, qrp-1@Lehigh.EDU
Subject: [159026] Results last nights NEQRP SSB NET
Message-ID: <LAW9-F92e0p81TxhIU0001759a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It was a great net! I thoroughly enjoyed meeting everyone last night and hope you all make it a habit.

Checkins where:

WA10HR	Ev	CT		
AJ1J	Joe	MA	IC706	longwire
W1AMF	Bob	CT	FT1000	Vertical
AB8DF	Ed	MI	Triton	Dipole
WB1HBE	John	MA	went from 5 (noise)	- 10watts (59 readable)
K1RC	John	MA		Zepp
WA8BXN	Mike	OH	K2	G5RV

N1VS Vince CT
K8EJU Larry OH PC-500
WB3GCK Craig PA
K3MAN George PA TS2000
VE3KQN Jim Canada

Thanks to all who got checked in and a big Thank You for "RELAY" stations.

If we did not hear you last night please try again next week and send me an email so I'
can keep an ear out for you.

Have fun, Ron

Get McAfee virus scanning and cleaning of incoming attachments. Get Hotmail
Extra Storage! <http://join.msn.com/?PAGE=features/es>

Date: Wed, 08 Oct 2003 15:09:53 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [159027] OT: Fwd: Sears And The Military
Message-ID: <6.0.0.22.2.20031008150448.0369d950@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Forgive me for passing this along-but regardless of your stance about the war, this reflects well on an American company, and should not go unnoticed.

>Subject: Sears And The Military
>Date: Wed, 8 Oct 2003 00:43:53 -0500

>
>
>

>I assume you have all seen the reports about how Sears is treating its
>reservist employees who are called up? By law, they are required to hold
>their jobs open and available, but nothing more. Usually, people take a
>big pay cut and lose benefits as a result of being called up...

>

>Sears is voluntarily paying the difference in salaries and maintaining all
>benefits, including medical insurance and bonus programs, for all called up
>reservist employees for up to two years. I submit that Sears is an

>exemplary corporate citizen and should be recognized for its contribution.
>
>Suggest we all shop at Sears, and be sure to find a manager to tell them
>why we are there so the company gets the positive reinforcement it well
>deserves.
>
>Pass it on.
>
>Someone who received this decided to check it out before forwarding and
>sent the following email to the Sears Customer Service Department:
>
>I received this email and I would like to know if it is true. If it is,
>the internet may havejust become one very good source of advertisement for
>your store. I
>know I would go out of my way to buy products from Sears instead of
>another store for a like item even if it was cheaper at the other store.
>
>Here is their answer to that email.....
>
>Dear Customer,
>
>Thank you for contacting Sears.
>
>The information is factual. We appreciate your positive feedback. Sears
>regards service to our country as one of greatest sacrifices our young men
>and women can make. We are happy to do our part to lessen the burden they
>bear at this time.
>
>Bill Thorn
>
>webcenter@sears.com
>
>1-800-349-4358
>
>Please pass this on to all your friends, Sears needs to be recognized for
>this outstanding contribution and we need to show them as Americans, we do
>appreciate what they are doing for our military,
>
>
>ALSO VERIFIED AT
>
><http://www.snopes.com/politics/military/sears.asp>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Wed, 8 Oct 2003 12:43:32 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [159028] Re: How to upgrade Win 98
Message-ID: <000f01c38dd4\$9697cda0\$a234bbd0@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many thanks to all who responded to my request. I received many
suggestions, all of which had merit. I will experiment with several
different suggestions in the next few days to see what will happen. Once
again, the cumulative knowledge within this group is astounding. Than you
all.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

----- Original Message -----
From: "Bill Jones" <kd7s@psnw.com>

> I have an older laptop with Windows 98 on it which works well just as it is
> except for one thing MPLAB software requires Win98 Second Edition.
No
> problem I have a valid Win 98 SE CD. But when I attempt to install it
> over the original Win 98 version I get an error message saying I can't
> upgrade with this CD. I am reluctant to format the hard drive in the laptop
> and start from scratch. Anybody have any suggestions?

Date: Wed, 8 Oct 2003 15:26:16 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>,
"Lloyd Lachow" <llachow@yahoo.com>,
Subject: [159029] FOX--Sked and FOXes
Message-ID: <4120031038202616945@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Here is our Winter 2003-2004 FOX season, along with a listing of the two FOXes each week. We have tried to spread the two hunts per week, geographically. Note that each hunt will be on Tuesday evenings, USA-time, running from 0200-0330Z (= early *Friday morning*, USA-time). Each hunt will last 90 minutes each Tuesday evening.

These times are the best compromise we could find across the continental USA (and AK/HI). Hopefully these times will work for the majority!

Week	Month	Tues (USA)	
I	Oct	28	Mert W0UFO MN / Wayne W5KDJ TX
II	Nov	4	Tom AC7A AZ / Craig VE4WI AB
III	Nov	11	Tim KR0U CO / Jeff K0UU MN
IV	Nov	18	Rick W0IS MN / Lloyd K3ESE MD
V	Nov	25	Jerry W0PWE IA / ET N1FN CO
VI	Dec	2	Karl K5DI NM / Tom KV2X NY
VII	Dec	9	Ron W8RU MI / George K5TR TX
VIII	Dec	16	Mark K2QO NY / Dave N0IT MO
IX	Dec	23	Al K2ZN NY / Dan N7CQR OR
X	Dec	30	Mike KD5KXF TX / Pat K0PC MN
XI	Jan	6	Mert W0UFO MN / Wayne W5KDJ TX

XII	Jan	13	Tom	AC7A	AZ	/	Craig	VE4WI	AB
XIII	Jan	20	Tim	KR0U	CO	/	Jeff	K0UU	MN
XIV	Jan	27	Rick	W0IS	MN	/	Lloyd	K3ESE	MD
XV	Feb	3	Jerry	W0PWE	IA	/	ET	N1FN	CO
XVI	Feb	10	Karl	K5DI	NM	/	Tom	KV2X	NY
XVII	Feb	17	Ron	W8RU	MI	/	George	K5TR	TX
XVIII	Feb	24	Mark	K2Q0	NY	/	Dave	N0IT	MO
XIX	Mar	2	Al	K2ZN	NY	/	Dan	N7CQR	OR
XX	Mar	9	Mike	KD5KXF	TX	/	Pat	K0PC	MN

FOX Alternates = Ron N8VAR (OH), Bob KB2FEL (WV), Doc K0EVZ(NM)

Thanks to everyone who volunteered to serve as a FOX this season. I believe we will have terrific season. For now, get those antennas and rigs tuned up for 40 Metres.

73,

--Doc/K0EVZ for the FOX Committee: N1TP, K3ESE, VE5RC, N1FN

 Date: Wed, 08 Oct 2003 12:46:27 -0800
 From: Jim Larsen <JimLarsen2002@alaska.net>
 To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
 Subject: [159030] A chance to work Alaska this weekend. SSB and CW
 Message-ID: <3F8477A3.1000003@alaska.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii; format=flowed
 Content-Transfer-Encoding: 7bit

I received an email from AL1G, Corliss, that told of an Alaska special events station operating this weekend. It is not a QRP station but it will be available to be worked and if bands are good, you will hear them.

Check <http://www.eham.net/calendar/details/2896> for official info. I asked Corliss for more details...see below signature.

Title: KL7FAA Special Event
 Event Type: Special Event
 Description: Announcing KL7FAA Special Event
 Centennial Year of Flight
 Oct 11th and 12th, 2003 17:00 UTC to 01:00 UTC
 Phone, CW, RTTY
 Please QSL for certificate via AC7DX
 (business size SASE please)

Starting Date: 10/11/03
Ending Date: 10/12/03
State: AK
URL: <http://www.kl7g.org/afara>
Contact: Corliss AL1G
Email: al1g_ak@yahoo.com

73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>

It sounds like they will be on any band supporting propagation but here is the 20 meter info:

"Ok, we will try to start out on 14.250 and 14.025 plus or minus QRM or frequency in use."

KL7FAA operators will be using:

"The rigs are three FT-1000 Mark V's
The three amps are a Drake L7, a Heathkit Warrior and an FL 2100B all putting out 1KW
The three antennas are a TH7, a TH3 and an R7 vertical (for WARC Bands)"

Corliss - AL1G

Date: Wed, 8 Oct 2003 13:51:38 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: Bruce Rattray <rattray@gpfn.sk.ca>, Doc K0EVZ <dock0evz@earthlink.net>
Cc: qrp-l reflector <qrp-l@Lehigh.edu>, Lloyd Lachow <llachow@yahoo.com>
Subject: [159031] Re: FOX--Sked and FOXes
Message-ID: <20031008205138.8750.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I just called Doc, to remind him that we had finally settled on 0200-0400Z as the time, and also about the "Wednesday am." He's fixin' it now.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

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<http://shopping.yahoo.com>

Date: Wed, 8 Oct 2003 15:55:40 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "Lloyd Lachow" <llachow@yahoo.com>,
"Bruce Rattray " <rattray@gpfn.sk.ca>,
Subject: [159032] OOPS--Winter FOX Sked (revised)
Message-ID: <4120031038205540241@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Please disregard the first posting, which went out a few minutes ago.
Nuts. Anyway, members of the FOX Committee immediately noted two egregious
errors, which are fixed in the REVISED note, following. I mixed up two
sets of notes while composing the posting. Thanks for the assist, guys.

Here is our Winter 2003-2004 FOX season, along with a listing of the two
FOXes each week. We have tried to spread the two hunts per week,
geographically. Note that each hunt will be on Tuesday evenings, USA-time,
running from 0200-0400Z (= early *Wednesday morning*, USA-time).

These times are the best compromise we could find across the continental
USA (and AK/HI). Hopefully these times will work for the majority!

Week	Month	Tues (USA)	
I	Oct	28	Mert W0UFO MN / Wayne W5KDJ TX
II	Nov	4	Tom AC7A AZ / Craig VE4WI AB
III	Nov	11	Tim KR0U CO / Jeff K0UU MN

IV	Nov	18	Rick	W0IS	MN	/	Lloyd	K3ESE	MD
V	Nov	25	Jerry	W0PWE	IA	/	ET	N1FN	CO
VI	Dec	2	Karl	K5DI	NM	/	Tom	KV2X	NY
VII	Dec	9	Ron	W8RU	MI	/	George	K5TR	TX
VIII	Dec	16	Mark	K2Q0	NY	/	Dave	N0IT	MO
IX	Dec	23	Al	K2ZN	NY	/	Dan	N7CQR	OR
X	Dec	30	Mike	KD5KXF	TX	/	Pat	K0PC	MN
XI	Jan	6	Mert	W0UFO	MN	/	Wayne	W5KDJ	TX
XII	Jan	13	Tom	AC7A	AZ	/	Craig	VE4WI	AB
XIII	Jan	20	Tim	KR0U	CO	/	Jeff	K0UU	MN
XIV	Jan	27	Rick	W0IS	MN	/	Lloyd	K3ESE	MD
XV	Feb	3	Jerry	W0PWE	IA	/	ET	N1FN	CO
XVI	Feb	10	Karl	K5DI	NM	/	Tom	KV2X	NY
XVII	Feb	17	Ron	W8RU	MI	/	George	K5TR	TX
XVIII	Feb	24	Mark	K2Q0	NY	/	Dave	N0IT	MO
XIX	Mar	2	Al	K2ZN	NY	/	Dan	N7CQR	OR
XX	Mar	9	Mike	KD5KXF	TX	/	Pat	K0PC	MN

FOX Alternates = Ron N8VAR (OH), Bob KB2FEL (WV), Doc K0EVZ(NM)

Thanks to everyone who volunteered to serve as a FOX this season. I believe we will have terrific season. For now, get those antennas and rigs tuned up for 40 Metres.

73,

--Doc/K0EVZ for the FOX Committee: N1TP, K3ESE, VE5RC, N1FN

Date: Wed, 8 Oct 2003 16:59:54 EDT
 From: ARDUJENSKI@aol.com
 To: qrp-1@lehigh.edu
 Subject: [159033] Sierra question
 Message-ID: <190.20cfb823.2cb5d4ca@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

I have been using my Wilderness Sierra (stock) on either 13.8v ps or a set of 8 AA batteries. Output is in the 1-2 watt range for the most part depending upon the band. This is fine for an efficient antenna setup but seems anemic when using short verticals and low dipoles. I would like about 4-5 watts if possible for 40 and 20m

I have read the various mods and a bit confused regarding the changing of the finals. Some articles seem to say you can just exchange the transistors and others note you need to do some additional circuit mods.

www.g3ycc.karoo.net/mods.html

I would appreciate feedback regarding the final replacement. Also is an easier route to just use 10 AAs and will this higher voltage present a problem? I was not certain if this higher voltage presents a problem.

Thanks in advance for your feedback

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Wed, 8 Oct 2003 16:3:39 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [159034] K0EVZ New Mexico QTH
Message-ID: <412003103821339961@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

As I write, we are moving from this hotel to our new house in the mountains east of Albuquerque. Been living at this studio hotel since mid-June, and frankly it has been too long. Our moving company is bringing down the big shipment from Bismarck, and should arrive by Friday (fingers crossed).

We purchased a detached house in Edgewood, NM, only about 15 minutes east of Albuquerque on I-40. We are above 6800' there, and I hope it will be a great location for QRP. Looks promising thus far. I am presently using HB wire antennas, but hope to have something permanent up within 3 weeks.

Here is my *mailing address* =

W.D.Lindsey

PO Box 94657
Albuquerque, NM 87199-4657

Please send all s-mail to the post office box listed here. I have several
QSLs to confirm ASAP. Please give me a holler if you hear me! Thanks.

73,
--Doc/K0EVZ

Date: Wed, 8 Oct 2003 15:46:21 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: Jim Larsen <JimLarsen2002@alaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [159035] Re: A chance to work Alaska this weekend. SSB and CW
Message-ID: <Pine.LNX.4.44.0310081542310.4699-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 8 Oct 2003, Jim Larsen wrote:

> I received an email from AL1G, Corliss, that told of an Alaska special events
> station operating this weekend. It is not a QRP station but it will be

To say the least they are NOT QRP! I will listen since I need AL
qrp and missed you both fox dates last year. Doc was kind enough to let
me try again this year!

Will wait until the special station is 599+30 and then
call...:-)

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 08 Oct 2003 14:28:28 -0800
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [159036] Alaska Special Events Station

Message-ID: <3F848F8C.7040209@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Yes, I figured if someone needs Alaska (AK) it never hurts to grab it once when it is available. Then they can loop back and go for QRP or QRPP. I also figured if people knew what the station config was, they could judge better when to call...as you did, Karl.

73, Jim

> To say the least they are NOT QRP!

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs>

End of QRP-L Digest 3067

